

# TRUE BLUE POWER®

A division of Mid-Continent Instrument Co., Inc.

Mx

## True Blue Charger Mx TT28-2 Series

Distributed by Mid-Continent Instrument Co., Inc.

Charge and maintain lithium-ion and lead-acid aircraft batteries with the intelligent and compact TT28-2 **True Blue Charger Mx Series**.



### Simple. Safe. Automatic.

The intelligent True Blue Charger Mx Series extends battery life and provides simple, safe and automatic charging for lithium-ion and sealed lead-acid aircraft batteries.

The 2.5-amp chargers maintain batteries of any capacity, from zero to full state-of-charge (SOC), while continuously displaying battery voltage.

The highly-efficient True Blue Charger Mx Series can be used for standby maintenance without trickle charging.

### Product features

COMPATIBILITY	Charges and maintains sealed lead-acid and all True Blue Power lithium-ion aircraft batteries:  TB17* 17 amp-hour TB20 20 amp-hour TB30 30 amp-hour TB40 40 amp-hour TB44 46 amp-hour TB60 60 amp-hour
POWER OUTPUT	2.5 amps charge current limit
DISPLAY	Alphanumeric LCD display provides battery voltage and indications
LED INDICATION	Charge, Ready, Fault
BATTERY CONDITIONING	Continuously monitors and charges to maintain a quick-ready state
WARRANTY	One-year limited

\* Quick disconnect required for 282-101

From the world leader of  
certified lithium-ion aircraft batteries

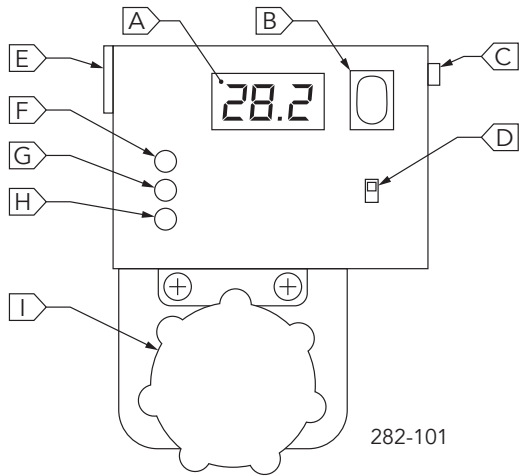
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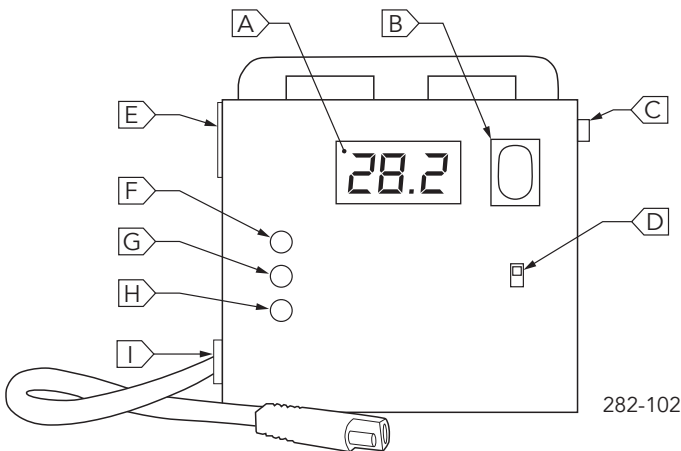
[truebluepowerusa.com](http://truebluepowerusa.com)



- A Voltmeter
- B Power Switch
- C Test Points
- D Battery Type Switch
- E AC Input Port
- F Charge Light
- G Ready Light
- H Fault Light
- I Connector Knob

### Technical specifications

INPUT VOLTAGE	90 – 264 VAC, ±10% 47 – 63 Hz 1A (maximum)
INPUT CONNECTOR	IEC60320-C13
BATTERY CHARGE VOLTAGE	Lithium-ion 28.8V (maximum) Lead-acid 28.6V (maximum)
OPERATING TEMPERATURE	-20°C to +50°C (-4°F to +122°F)
STORAGE TEMPERATURE	-28°C to +70°C (-18°F to +158°F)
TIMING ACCURACY	±5% of nominal time
DISPLAY ACCURACY	±0.2 volts
WEIGHT	282-101 2 lbs (0.9 kg) 282-102 1.1 lbs (0.5 kg)
DIMENSIONS	282-101 4.33" W x 5.9" H x 3.8" D 282-102 4.5" W x 4.5" H x 2.5" D
BATTERY CONNECTOR	282-101 MS-3509 compatible 282-102 Ring Terminal
PROTECTION AND MONITORING	Overcharge and over-temperature protection  Internal timer automatically monitors open-circuit voltage to determine top charge



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- I Terminal Post Connector